Application No. 10/561,331 2 Docket No.: CAF-34902/03 Reply to Office Action of November 17, 2008

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A basket suitable for use in a vibratory screening apparatus, for use in removing solids from a liquid and solids mixture feed, said basket mounting a stack of at least three screen assemblies, with superposed screen assemblies being separated from each other by a respective flow directing tray, and including said stack of at least three screen assemblies being provided with a flow distributor formed and arranged for receiving so as to be switchable between a plurality of different flow directing configurations, including:

a) a parallel processing configuration in which said flow distributor receives filtrate from a primary upper screen assembly and dividing divides said filtrate into at least a first feed stream and a second feed stream and directing directs said feed streams onto respective remaining first and second ones of said stack of screen assemblies, and receiving receives filtrate from a respective remaining screen assembly. from said respective flow directing trav(s): and

b) an intensive screening configuration in which the whole of the filtrate from a primary upper screen assembly is directed onto a first remaining screen assembly and the whole of the filtrate from said first remaining screen assembly is directed onto a second remaining screen assembly.

2. (Currently amended) A basket according to elaim 1, mounted in a vibratory screening apparatus for use in removing solids from a liquid and solids mixture feed, said apparatus comprising a basket according to claim 1, and further comprising a static outer housing, said housing comprising: a base support formed and arranged for mounting at least one said basket in floating manner so as to be vibratable, in use of the apparatus, by a vibrator device formed and arranged for vibrating said basket, said base support having a sump for receiving

Application No. 10/561,331 Reply to Office Action of November 17, 2008 3 Docket No.: CAF-34902/03

filtrate from said basket, and said housing having a feed device formed and arranged for directing said liquid and solids mixture feed to said basket mounted in said base support.

3-4 (Canceled)

5. (Currently amended) A basket as claimed in claim [[3]] 1 wherein said plurality of flow directing configurations includes a restricted feed capacity configuration in which the whole of the feed is directed onto only one of said first and second remaining screen assemblies, and the filtrate therefrom exhausted directly from the apparatus without passing through the

other one of said first and second remaining screen assemblies.

6. (Canceled)

(Previously presented) A basket as claimed in claim 1 wherein at least said
primary screen assembly has a different mesh size from at least one of said remaining screen

assemblies.

8. (Previously presented) A basket as claimed in claim 1 wherein said first and

second remaining screen assemblies have the same mesh size.

 (Previously presented) A basket as claimed in claim 1 wherein said flow distributor defines a plurality of flow pathways provided with flow control devices, for selective

opening or at least partial closing of different passages.

Application No. 10/561,331 4 Docket No.; CAF-34902/03 Reply to Office Action of November 17, 2008

10. (Previously presented) A basket as claimed in claim 9 wherein at least one said

flow control device is selected from the group consisting essentially of: flap valves, sleeve

valves, plug valves, and closure plates.

11. (Currently amended) A basket as claimed in claim 9 wherein at least one said

flow control device comprises by a weir, formed and arrange arranged for sub-dividing said feed

into said first feed stream passing over said weir and a said second feed stream not passing over

said weir.

12. (Previously presented) A basket as claimed in claim 11 wherein said weir

comprises a variable height weir.

13. (Previously presented) A basket as claimed in claim 9 wherein said flow

distributor includes at least one wall formed and arranged for defining a plurality of laterally

adjacent flow pathways.

14. (Previously presented) A basket as claimed in claim 1 wherein the flow

distributor is mounted on the basket.

15. (Previously presented) A basket as claimed in claim 1 wherein the flow

distributor is coupled to the basket by flexible conduits.

Application No. 10/561,331 5 Docket No.; CAF-34902/03 Reply to Office Action of November 17, 2008

16. (Currently amended) A basket vibratory screening apparatus as claimed in claim

2, wherein said basket forms part of a multi-basket assembly comprising a plurality of said

baskets, mounted in said static housing, and wherein said housing has a feed distribution device

formed and arranged for directing said liquid and solids mixture feed to at least one of said

plurality of baskets.

17. (Currently amended) A vibratory screening apparatus basket as claimed in claim

2, wherein said basket further includes a lateral divider defining independent feed processing

modules, and wherein said housing has a feed distribution device formed and arranged for

directing said liquid and solids mixture feed to at least one of said basket feed processing

modules.

18. (Previously presented) A basket as claimed in claim 1 wherein said flow

directing trays are formed and arranged so that substantially the whole of the filtrate from a

screen assembly directly above said flow directing tray can be intercepted thereby, whereby said

feed can be substantially fully divided into parallel first and second feed streams to respective

ones of first and second remaining screen assemblies.